

Contents

1 Routine/Function Prologues	2
1.0.1 time_interp_cmap.F90 (Source File: time_interp_cmap.F90)	2

1 Routine/Function Prologues

1.0.1 time_interp_cmap.F90 (Source File: time_interp_cmap.F90)

Calls the post processing utilities for handling observed precipitation data for CMAP

INTERFACE:

```
subroutine time_interp_cmap
```

USES:

```
use lisdrv_module, only:lis, grid
use obsprecipforcing_module, only : obsprecip
use grid_spmdMod
```

CONTENTS:

```
!-----
! Compute ratio between convective model precip and total model precip
! so that it can be applied to the observed global precip
!-----
do c = 1,gdi(iam)
    if (grid(c)%forcing(8) .ne. 0.0 .and. &
        grid(c)%forcing(8) .ne. lis%d%udef .and. &
        grid(c)%forcing(9) .ne. lis%d%udef) then
        ratio(c) = grid(c)%forcing(9) / grid(c)%forcing(8)
        if (ratio(c) .gt. 1.0) ratio(c) = 1.0
        if (ratio(c) .lt. 0.0) ratio(c) = 0.0
    else
        ratio(c) = 0.0
    endif
enddo
do c = 1, gdi(iam)
    if (obsprecip(c) .ne. -1.0) then
grid(c)%forcing(8) = obsprecip(c) / 3600.0
grid(c)%forcing(9) = ratio(c) * grid(c)%forcing(8)
    endif
enddo
```